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PTO/SB/01 (10-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**

☐ Declaration Submitted with Initial Filing  
OR  
☒ Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docking Number 1996-045

First Named Inventor Susumu Arimori

**COMPLETE IF KNOWN**

Application Number 09 / 729,332

Filing Date December 4, 2000

Group Art Unit

Examiner Name

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

PHOTO-INDUCED ELECTRON TRANSFER FLUORESCENT SENSOR MOLECULES

(Title of the Invention)

the specification of which

☐ is attached hereto

OR

☒ was filed on (MM/DD/YYYY)

December 4, 2000

as United States Application Number or PCT International

Application Number

09/729,332

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

FEB 20 2001

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## DECLARATION — Utility or Design Patent Application

Direct all correspondence to:

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or Bar Code LabelOR ☐

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Name

PATENT TRADEMARK OFFICE

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Address

City

State

ZIP

Country

Telephone

Fax

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR :

☐ A petition has been filed for this unsigned inventor

Given Name

(first and middle (if any))

Susumu

Family Name

or Surname

Arimori

Inventor's  
Signature

Date

9/02/01

Residence: City

Bath

State

Country

UK

Citizenship

Japan

Mailing Address

47 Coxley Drive, Larkhall, Bath BA1 6PD

UK

Mailing Address

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Bath

State

ZIP BA1 6PD

Country

UK

NAME OF SECOND INVENTOR:

☐ A petition has been filed for this unsigned inventor

Given Name

(first and middle (if any))

Tony D.

Family Name

or Surname

James

Inventor's  
Signature

Date

9/02/01

Residence: City

Birmingham

State

Country

UK

Citizenship

UK

Mailing Address

51 Highmore Drive, Bartley Green, Birmingham B32 3JY

UK

Mailing Address

City

Birmingham

State

ZIP B32 3JY

Country

UK

☐ Additional inventors are being named on the \_\_\_\_\_ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

PATENT  
1996-045

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Susumu Arimori et al

Serial No: 09/729,332

Filed: December 4, 2000

For: PHOTO-INDUCED ELECTRON  
TRANSFER FLUORESCENT SENSOR  
MOLECULES

Art Unit: 1641

**ASSOCIATE POWER OF ATTORNEY**  
**(37 C.F.R. § 1.34)**

Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Please recognize as Associate Attorney in this case:

Wei-Ning Yang  
**Hogan & Hartson L.L.P.**  
**500 South Grand Avenue, Suite 1900**  
**Los Angeles, California 90071**  
**Phone: 213-337-6700**  
**Fax: 213-337-6701**  
Registration No. 38,690

Respectfully submitted,

BECKMAN COULTER, INC.

By:   
Arnold Grant

Registration No. 23,052  
Attorney for Applicant(s)

Date: June 4, 2001  
4300 N. Harbor Boulevard  
P. O. Box 3100  
Fullerton, California 92834-3100  
Phone: 714-714/773-6929  
Fax: 714-773-7936

FEB 28 2001

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PTO/SB/81 (10-00)

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POWER OF ATTORNEY OR  
AUTHORIZATION OF AGENT

Application Number	09/729,332
Filing Date	December 4, 2000
First Named Inventor	Susumu Arimori
Group Art Unit	
Examiner Name	
Attorney Docket Number	1996-045

I hereby appoint:

☒ Practitioners at Customer Number

22471

OR

☐ Practitioner(s) named below:Place Customer  
Number or Code  
Label here  
22471

PATENT TRADEMARK OFFICE

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☒ The above-mentioned Customer Number.

OR

☐ Firm or  
Individual Name

Address

Address

City

State

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Country

Telephone

Fax

I am the:

☐ Applicant/Inventor.☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

## SIGNATURE of Applicant or Assignee of Record

Name

Deborah J. Stouff

Signature

Deborah J. Stouff

Date

February 23, 2001

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative (s) are required. Submit multiple forms if more than one signature is required, see below\*.

☒ \*Total of 1 forms are submitted.

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## STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Beckman Coulter, Inc.Application No./Patent No.: 09/729,332 Filed/Issue Date: December 4, 2000Entitled: PHOTO-INDUCES ELECTRON TRANSFER FLUORESCENT SENSOR MOLECULESBeckman Coulter, Inc., a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by, percentage) of its ownership interest is \_\_\_\_\_ %  
in the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
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3. From: \_\_\_\_\_ To: \_\_\_\_\_  
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☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☐ Copies of assignments or other documents in the chain of title are attached.  
[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

February 23, 2001  
Date

Deborah J. Stouff

Typed or printed name

Deborah J. Stouff  
Signature

Assistant Secretary

Title

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10053274-011702

## 1. Name of conveying party(ies):

Susumu Arimori and Tony D. James

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

Name and address of receiving party(ies):

Name: Beckman Coulter, Inc.Internal Address: Attn: Arnold Grant, Legal Dept.  
A42C

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date:

Street Address: 4300 N. Harbor BoulevardP. O. Box 3100City: Fullerton State: CA Zip: 92834-3100Additional name(s) & addresses attached? ☐ Yes ☒ No4. Application number(s) or patent number(s): 09/729,332

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s) 09/729,332

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: William H. May, Vice President, General Counsel &SecretaryBeckman Coulter, Inc.Internal Address: c/o Legal Department, A-42-CStreet Address: 4300 N. Harbor BoulevardCity: Fullerton State: CA Zip: 92834-31006. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41).....\$40.00☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number:

02-1660

(Attach duplicate copy of this page if paying by deposit number)

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## 9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Arnold Grant

Name of Person

Signature

February 16, 2001

Date

Total number of pages including cover sheet, attachments and document: 3

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